

For every building surface inside and out, we've got it covered.



GlaxoSmithKline, Weybridge

St George's Avenue, Weybridge

Information

Tor Coating system used:



Category

Roofing

Sector

Offices

Guarantee

20 years

Coverage area

900m²

For more information and further project profiles please visit www.tor-coatings.com

To speak to a member of the sales team call 0191 4106611 or email marketing@tor-coatings.com

Background

As one of the major research centres in the world, the roof of GSK's Consumer Healthcare R&D organisation in Weybridge was coming to the end of its serviceable life and was in need of attention.

1

Free Site Survey

Before the correct coating system could be specified, Tor Coatings carried out a comprehensive free survey of the site to ensure every aspect of the project was clearly understood and all defects were documented thoroughly.

2

Project Specification

The seamless Elastaseal Z liquid system was specified for this project. The system is compatible with almost all existing roof substrates and, because of the abundance of mechanical and electrical systems all over the roof on this project, this liquid solution was required to ensure waterproofing integrity and a seamless finish throughout. Another issue that was identified as part of the survey was the presence of many counterweights on the roof, which had the ability to impact the seamless nature of Elastaseal Z, so this needed to be considered during the installation process.

3

Installation

The project was carried out by Weatherproofing Advisors with site support from the Tor sales and technical service team. In preparation of the application of the Elastaseal Z system, the roof was thoroughly jet-washed to create a clean surface ready for the product to be applied. All existing mechanical and electrical systems were safely sealed with primers before work began. The impact of the weighted feet were a concern, so we decided to precoat our Torvap carrier membrane with 450gsm Elastamat/Embedment/Topcoat, before jacking up the weights and sliding the pre-coated membrane underneath the weights to negate the chances of any impact damage. This helped us ensure we were able to install a completely seamless system throughout.

4

Continued Support

As a result of our work on this project, we were proudly nominated for a LWRA (Liquid Waterproofing Project of the Year Award). In addition to the comfort of having a 20-year BBA accreditation, the project is covered by Tor's comprehensive 25-year single point warranty. During this period, we will carry out regular scheduled inspections to ensure that the performance is delivered for the client.

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Before



After

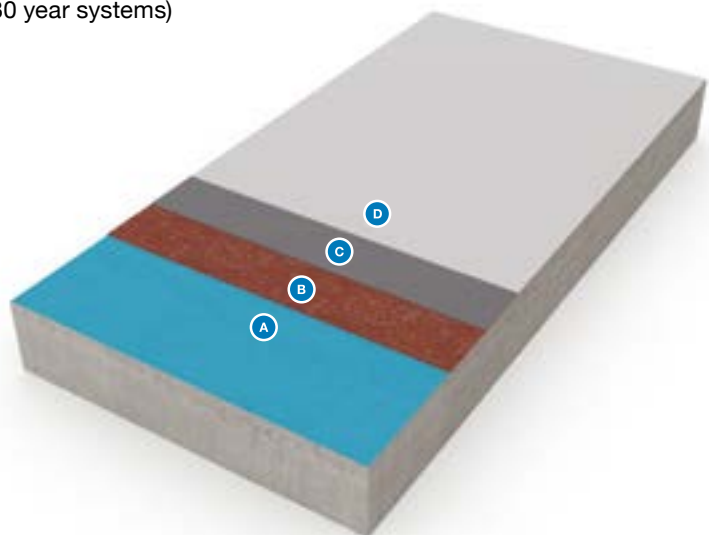
Elastaseal Z

Key benefits:

- Cold liquid applied - no hot works on roof
- Safe to install - unobtrusive repairs
- Easy to apply and detail
- Compatible with most existing roof membranes
- No need to remove serviceable existing membranes, minimising landfill waste and building remains protected during installation.
- 10, 15, 20 and 25 year systems available
- Elastaseal Z low odour option (up to 30 year systems)
- British Board of Agrément (BBA) approved
- Permanently elastomeric and seamless
- Excellent resistance to ponded water
- Fibre reinforced for maximum film strength
- Easy to maintain - excellent through life costings as system can be re-applied at end of serviceable life

Typical build-up of the Elastaseal Z system

- A** Prepared existing roof substrate
- B** Elastaseal Z embedment coat with Elastamat™ glass fibre reinforcement
- C** Elastaseal Z top coat
- D** Additional Elastaseal Z top coat (for 30 year systems)



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